Unit 2 Practice Questions – THE CINEMA CHAIN

Part A Set Task Brief

You are advised to spend 10 minutes reading the Task Scenario and the activities you are to complete.

You may make notes and/or highlight information to use in the completion of the documents you need to produce for your task.

Scenario

You have been asked to create a database for the East Berkshire Cinema Multiplex. Currently all records are stored on a spreadsheet.

The Cinema would like to be able to store and report data on how the cinema is used. The cinema has two screens, one has 500 seats, the other has 400 seats

The cinema has several films showing and it records the different types of film.

Films belong to categories U, PG, 12, 15 and 18.

When people go to the cinema booking system they can:

- Pick the Screen Name and Film Title
- Pick the date of the performance
- Book tickets. The minimum number booked is 1 and the maximum booked is 5
- Pick the seat type – standard seating is £10, Luxury seating is £15, Premium is £20

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The Cinema Chain Sample Data

BookingID	ScreenID	FilmID	Booking Date	Film Title	Film rating	Screen Seats	Screen Name	Num Tickets	Seat ID	Seat Type	Seat Price
101	1	27	21/07/2020	Jaws	PG	500	A	4	1	Standard	£10

Figure 1 Sample Data for the Cinema Chain

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Activity 4: Structure Testing (20 minutes)

Test the structure of the validation of your relational database using suitable test data

(normal, erroneous and extreme as appropriate).

You must provide evidence of table level testing that proves:

1. A film record will not save without the title of the film being present
2. A film record will not save if the rating is missing or incorrect.

Complete the test log to show how you have tested the structure of your database.

You may use the supplied template if you wish.

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